## **INTERNATIONAL SEARCH REPORT**

Intel\_\_\_onal Application No PCT/IB2004/051371

		PC1/1B2	004/0513/1	
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER H04R7/14			
According to	o International Patent Classification (IPC) or to both national classific	ation and IPC		
B. FIELDS	SEARCHED			
Minimum do IPC 7	ocumentation searched (classification system followed by classification H04R	ion symbols)		
	tion searched other than minimum documentation to the extent that s			
Electronic d	ata base consulted during the international search (name of data ba	se and, where practical, search terms	used)	
EPO-In	ternal, PAJ, WPI Data, INSPEC, COMPI	ENDEX		
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the re-	levant passages	Relevant to claim No.	
A	US 1 699 786 A (GOLDSBOROUGH THAN 22 January 1929 (1929-01-22)	DDEUS R)	1-9	
X	the whole document		10	
A	PATENT ABSTRACTS OF JAPAN vol. 0030, no. 28 (E-096), 9 March 1979 (1979-03-09) -& JP 54 006523 A (HITACHI LTD), 18 January 1979 (1979-01-18) cited in the application abstract figures 1,3	-/	1-10	
	her documents are listed in the continuation of box C.	Patent family members are lis	sted in annex.	
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but		"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family		
Date of the	actual completion of the international search	Date of mailing of the International	search report	
1	5 November 2004	22/11/2004		
Name and n	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer	<del></del>	
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Gerken, S		

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Α	PATENT ABSTRACTS OF JAPAN vol. 0061, no. 28 (E-118), 14 July 1982 (1982-07-14) & JP 57 053198 A (TOSHIBA CORP), 30 March 1982 (1982-03-30) abstract		1,5,6,10
A	EP 0 914 020 A (NOKIA TECHNOLOGY GMBH) 6 May 1999 (1999-05-06) cited in the application abstract paragraph '0010! - paragraph '0013!; figure 1		1,5,10
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Information on patent family members

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	Publication date		Patent family member(s)	Publication date
Α	22-01-1929	NL	25055 C	
Α	18-01-1979	NONE		
Α	30-03-1982	NONE		
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